

**ABSTRACT**

A debug interface, includes logic responsive to a pre-fork event, the pre-fork event responsive to a fork instruction call wherein the pre-fork event includes indicia that identifies a child process to be created in accordance with the fork instruction call.

- 5 A method for controlling the execution of a child process created from a parent process, where the parent process is instrumented by a software tool includes, receiving indicia that a fork instruction will be executed by the parent process, suspending execution of the parent process, extracting a process identifier from the indicia of the fork instruction, the process identifier corresponding to a child process
- 10 to be generated by the parent process when the parent process executes the fork instruction, setting a process monitor thread to observe the child process, and resuming execution of the parent process to enable the parent process to execute the fork instruction.